

Message

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Sent: 3/2/2020 7:00:21 PM
To: Clements, Julie A CIV (USA) [Julie.A.Clements@usace.army.mil]; Hays, David C Jr CIV USARMY CENWK (USA) [David.C.Hays@usace.army.mil]; Praskins, Wayne [Praskins.Wayne@epa.gov]; Walker, Stuart [Walker.Stuart@epa.gov]
Subject: Pathway breakdown: 1% RF
Attachments: HPNS 1% RF Bldgs_1-D Pathway Residential Risk Dose_RESRAD-BUILD.xlsx

Attached are the pathway-specific risk and dose calculations for the residential scenario based on separate 1-dimensional RESRAD-BUILD evaluations of floor and walls, with each ROC being a source. The results show that the external radiation pathway drives more than 90% of the total risk and dose. Please note that the evaluated pathways and results were taken directly from the model outputs. The model outputs show immersion as an evaluated pathway.